

Table 1. Utility Poles

Pole No	Distribution	Location	Lights	Transformer	Pole No	Distribution	Location	Lights	Transformer
03	PRIMARY ELECTRICAL	EAST OF MAIN GATE (B100) ON B STREET	No	No	32	LIGHTING	NORTHWEST OF MOTORPOOL (B104) ON 7TH AVENUE	Yes	No
04	PRIMARY ELECTRICAL	EAST OF MAIN GATE (B100) ON B STREET	No	No	33	LIGHTING	NORTHEAST OF MOTORPOOL (B104) ON 7TH AVENUE	Yes	No
05	PRIMARY ELECTRICAL	NORTHWEST OF MAIN GATE (B100) ON B STREET	Yes	No	34	PRIMARY ELECTRICAL AND LIGHTING	SOUTHEAST OF MAINTENANCE STORAGE (B221) ON 1ST AVENUE	Yes	No
06	PRIMARY ELECTRICAL	SOUTHWEST OF SECURITY (B100) ON B STEET	No	No	34A	PRIMARY ELECTRICAL	NORTH OF AGE (B219)	No	Yes
07	PRIMARY ELECTRICAL	SOUTH CORNER OF B STREET & 8TH AVENUE	No	No	35	PRIMARY ELECTRICAL AND LIGHTING	NORTH OF AGE (B219) ON 1ST AVENUE	Yes	No
07A	PRIMARY ELECTRICAL	NORTH CORNER OF B STREET & 8TH AVENUE	No	No	35A	PRIMARY ELECTRICAL AND LIGHTING	NORTHWEST OF 34 APS (B220) ON 1ST AVENUE	Yes	No
07B	PRIMARY ELECTRICAL	WEST OF SUPPLY (B205B) ON B STREET	No	Yes	36	PRIMARY ELECTRICAL AND LIGHTING	NORTH OF 34 APS (B220) ON 1ST AVENUE	Yes	No
08	AND LIGHTING	WEST OF SUPPLY (B205C) ON B STREET	Yes	Yes	37	PRIMARY ELECTRICAL AND LIGHTING	NORTHEAST OF 34 APS (B220) ON 1ST AVENUE	Yes	No
09	PRIMARY ELECTRICAL	WEST OF ENGINE SHOP (B208) ON B STREET	No	No	38	PRIMARY ELECTRICAL AND LIGHTING	WEST OF 34 APS TRAINING (B255) ON 1ST AVENUE	Yes	No
10	PRIMARY ELECTRICAL	WEST OF ENGINE SHOP (B208) ON B STREET	No	No	39	PRIMARY ELECTRICAL AND LIGHTING	SOUTHEAST OF 34 APS TRAINING (B255) ON 1ST AVENUE	No	Yes
10A	PRIMARY ELECTRICAL	WEST OF ENGINE SHOP (B208)	No	No	40	PRIMARY ELECTRICAL AND LIGHTING	SOUTHWEST OF FIRE TRAINING ON 1ST AVENUE	No	No
11	PRIMARY ELECTRICAL	SOUTHWEST OF SQUADRON OPS (B209) ON B STREET	No	No	41	PRIMARY ELECTRICAL AND LIGHTING	SOUTH OF FIRE TRAINING ON 1ST AVENUE	No	Yes
11A	PRIMARY ELECTRICAL	WEST OF SQUADRON OPS (B209) ON B STREET	No	No	41A	SECONDARY ELECTRICAL	SOUTH OF FIRE TRAINING	Yes	No
11B	PRIMARY ELECTRICAL	EAST OF SQUADRON OPS (B209)	No	Yes	42	PRIMARY ELECTRICAL AND LIGHTING	EAST OF 34 APS TRAINING (B255)	No	No
12	PRIMARY ELECTRICAL	WEST OF SQUADRON OPS ANNEX (B210) ON B STREET	No	No	43	PRIMARY ELECTRICAL AND LIGHTING	WEST OF READINESS (B262)	No	No
12A	PRIMARY ELECTRICAL	WEST OF SQUADRON OPS ANNEX (B210) ON B STREET	No	No	44	PRIMARY ELECTRICAL AND LIGHTING	SOUTH OF READINESS TRAINING (B254)	Yes	No
12B	PRIMARY ELECTRICAL	SOUTHEAST OF SERVICES (B117)	No	No	45	PRIMARY ELECTRICAL AND LIGHTING	SOUTHWEST OF READINESS TRAINING (B250)	No	Yes
13	AND LIGHTING	SOUTHWEST OF HEATING PLANT (B215) ON B STREET	Yes	No	46	PRIMARY ELECTRICAL AND LIGHTING	WEST OF SF STORAGE (B202)	Yes	Yes
13A	PRIMARY ELECTRICAL	NORTHEAST OF FITNESS CENTER (B110)	No	Yes	46A	SECONDARY ELECTRICAL	SOUTHWEST OF HAZARDOUS STORAGE (B201)	No	No
14	PRIMARY ELECTRICAL	NORTHWEST OF ND LAB (B218) ON B STREET	No	No	47	PRIMARY ELECTRICAL AND LIGHTING	NORTH SIDE OF C STREET AND 9TH AVENUE	Yes	No
15	PRIMARY ELECTRICAL	NORTHWEST OF ND LAB (B218) ON B STREET	Yes	Yes	48	PRIMARY ELECTRICAL AND LIGHTING	SOUTH OF CALM (B300) ON 9TH AVENUE	Yes	No
16	PRIMARY ELECTRICAL	SOUTHWEST OF MAINTENANCE (B222) ON B STREET	No	No	49	PRIMARY ELECTRICAL AND LIGHTING	SOUTHWEST OF POL OPS (B303) ON 9TH AVENUE	Yes	No
17	PRIMARY ELECTRICAL	NORTHEAST OF PARACHUTE SHOP (B112)	No	Yes	50	PRIMARY ELECTRICAL AND LIGHTING	SOUTHEAST OF POL OPS (B303) ON 9TH AVENUE	Yes	No
18	PRIMARY ELECTRICAL	NORTH SIDE OF B STREET AND 1ST AVENUE INTERSECTION	Yes	No	50A	LIGHTING	WEST OF POL PUMPHOUSE (B310) NEAR POL	Yes	No
19	PRIMARY ELECTRICAL	NORTH OF BX (B114) ON 1ST AVENUE	No	Yes	50B	LIGHTING	SOUTHWEST OF ENGINE TEST STAND	Yes	No
20	PRIMARY ELECTRICAL	NORTHEAST OF CES EQUIP SHOP (B122) ON B STREET	Yes	No	51	PRIMARY ELECTRICAL	SOUTH OF MOTORPOOL	Yes	No
21	PRIMARY ELECTRICAL	NORTH SIDE OF A STREET AND 1ST AVENUE INTERSECTION	Yes	Yes	55	AND LIGHTING	SOUTHEAST OF CE EQUIPMENT STORAGE (B109)	Yes	No
22	PRIMARY ELECTRICAL	WEST OF A STREET & 1ST AVENUE INTERSECTION	No	No	56	AND LIGHTING	SOUTHWEST OF CE EQUIPMENT STORAGE (B109)	Yes	No
23	PRIMARY ELECTRICAL	SOUTHWEST OF FIRE PUMP BUILDING (B120) ON 1ST AVENUE	No	Yes	56A	AND LIGHTING	SOUTHWEST OF CE EQUIPMENT STORAGE (B109)	Yes	No
24	PRIMARY ELECTRICAL	SOUTHWEST OF FIRE PUMP BUILDING (B120) ON 1ST AVENUE	Yes	No	56B	AND LIGHTING	SOUTHWEST OF CIV PERSONNEL (B101)	Yes	No
25	LIGHTING	WEST OF C119 STATIC DISPLAY ON A STREET	Yes	No	57	AND LIGHTING	SOUTHWEST OF CE EQUIPMENT STORAGE (B109)	Yes	No
26	LIGHTING	WEST OF C119 STATIC DISPLAY ON A STREET	Yes	No	58	AND LIGHTING	SOUTHWEST OF SF STORAGE (B208) ON C STREET	No	No
27	LIGHTING	WEST OF SERVICES STORAGE (B125) ON A STREET	Yes	No	59	AND LIGHTING	SOUTHWEST OF HAZMAT PHARMACY (B304) ON STREET	Yes	No
28	LIGHTING	WEST OF MEDICAL TRAINING (B140) ON A STREET	Yes	No	59A	PRIMARY ELECTRICAL	NORTH OF HAZMAT PHARMACY (B304) ON 7TH AVENUE EAST	No	No
29	LIGHTING	WEST OF HQ BUILDING (B102) ON A STREET	Yes	No	60	PRIMARY ELECTRICAL	WEST OF FUEL CELL HANGAR (B302)	No	No
30	LIGHTING	WEST OF HQ BUILDING (B102) ON A STREET	Yes	No					
31	LIGHTING	NORTH OF CE BUILDING (B106) AT A STREET AND 7TH AVENUE	Yes	No					

Table 3. Pole Mounted Transformers

TRANSFORMER NO	Pole	Pole Location	KVA	SVC VOLT
T0007B	07B	WEST OF SUPPLY (B205B) ON B STREET	50 KVA	120/240V
T0008	08	WEST OF SUPPLY (B205C) ON B STREET	75 KVA	120/240V
T0011B-1	11B	EAST OF SQUADRON OPS (B209)	37.5 KVA	120/230V
T0011B-2	11B	EAST OF SQUADRON OPS (B209)	37.5 KVA	120/230V
T0011B-3	11B	EAST OF SQUADRON OPS (B209)	37.5 KVA	120/230V
T0013A-1	13A	NORTHEAST OF FITNESS CENTER (B110)	100 KVA	120/240V
T0013A-2	13A	NORTHEAST OF FITNESS CENTER (B110)	100 KVA	120/240V
T0013A-3	13A	NORTHEAST OF FITNESS CENTER (B110)	100 KVA	120/240V
T0015-1	15	NORTHWEST OF ND LAB (B218) ON B STREET	100 KVA	480V
T0015-2	15	NORTHWEST OF ND LAB (B218) ON B STREET	100 KVA	480V
T0015-3	15	NORTHWEST OF ND LAB (B218) ON B STREET	100 KVA	480V
T0016A-1	16A	NORTHEAST OF PARACHUTE SHOP (B112)	25 KVA	120/208V
T0016A-2	16A	NORTHEAST OF PARACHUTE SHOP (B112)	25 KVA	120/208V
T0016A-3	16A	NORTHEAST OF PARACHUTE SHOP (B112)	25 KVA	120/208V
T0019	19	NORTH OF BX (B114) ON 1ST AVENUE	15 KVA	120/240V
T0021	21	NORTH SIDE OF A STREET AND 1ST AVENUE INTERSECTION	15 KVA	120/240V
T0023-1	23	1ST AVENUE	75 KVA	440V
T0023-2	23	1ST AVENUE	75 KVA	440V
T0023-3	23	1ST AVENUE	75 KVA	440V
T0034A-1	34A	NORTH OF AGE (B219)	50 KVA	120/208V
T0034A-2	34A	NORTH OF AGE (B219)	50 KVA	120/208V
T0034A-3	34A	NORTH OF AGE (B219)	50 KVA	120/208V
T0039	39	SOUTHEAST OF 34 APS TRAINING (B255) ON 1ST AVENUE	10 KVA	120/240V
T0041	41	SOUTH OF FIRE TRAINING ON 1ST AVENUE	10 KVA	120/240V
T0045	45	SOUTHWEST OF READINESS TRAINING (B250)	75 KVA	120/240V
T0046	46	WEST OF SF STORAGE (B202)	10 KVA	120/240V

Table 4. Pad Mounted Transformers

TRANSFORMER NO	Location	KVA	SVC VOLT	RISER POLE
T0100	EAST OF MAIN GATE (B100)	37.5 KVA	120/240V	57
T0101	WEST OF PERSONNEL (B101)	225 KVA	120/208V	57
T0102	WEST OF ENGINE SHOP (B208)	300 KVA	120/208V	10
T0104	SOUTH OF MOTORPOOL (B104)	150 KVA	120/240V	55
T0106	SOUTHWEST OF CE (B106)	225 KVA	120/208V	12B
T0107	NORTH OF DINING HALL (B107)	500 KVA	120/208V	12B
T0120	NORTHWEST OF PUMPHOUSE (B120)	225 KVA	120/208V	12B
T0130	SOUTHWEST OF CE SHOP (B130)	100 KVA	120/240V	06A
T0140	EAST OF MEDICAL TRAINING (B140)	150 KVA	120/208V	12B
T0200	SOUTH OF SECURITY (B200)	100 KVA	120/208V	07A
T0205A	WEST OF SUPPLY (B205A)	100 KVA	120/208V	07A
T0207	NORTH OF RECRUITING (B207)	50 KVA	120/240V	10A
T0208A	WEST OF ENGINE SHOP (B208)	225 KVA	120/208V	10A
T0208B	WEST OF ENGINE SHOP (B208)	112.5 KVA	480V	11B
T0209	EAST OF SQUAD OPS (B209)	500 KVA	277/480V	11B
T0210	WEST OF SQUAD OPS ANNEX (B210)	112.5 KVA	120/208V	12A
T0217	WEST OF HANGAR (B217)	1000 KVA	277/480V	14
T0218	SOUTH OF ND LAB (B218)	225 KVA	277/480V	14
T0220	WEST OF 34 APS (B220)	225 KVA	120/208V	35A
T0222	NORTHWEST OF AGE (B219)	500 KVA	277/480V	34
T0224	SOUTHWEST OF BASE OPS (B224)	75 KVA	120/208V	11B
T0300	SOUTHEAST OF CALM (B300)	225 KVA	277/480V	
T0302	WEST OF FUEL CELL HANGAR (B302)	500 KVA	120/208V	60
T0303	SOUTHWEST OF POL OPS (B303)	75 KVA	120/208V	
T0304	NORTHEAST OF HAZMAT PHARMACY (B304)	30 KVA	120/208V	59A
T0305	NORTHEAST OF CATS (B305)	75 KVA	120/208V	60
T0310A	SOUTH OF POL PUMPHOUSE (B310)	300 KVA	277/480V	50
T7106	SOUTH OF B317	37.5 KVA	120/240V	43
T8906	NORTHWEST OF FIRE TRAINING	50 KVA	120/240V	5
T0215	NORTH OF HEATING PLANT (B215)	112.5 KVA	120/208V	14
T7101	SOUTHEAST OF HANGAR (B217)	75 KVA	277/480V	13
T0310B	SOUTH OF POL PUMPHOUSE (B310)	75 KVA	120/208V	50

Table 2. Light Poles

Light No	Location of Light	No of Transformer Serving Light Pole
L01	WEST OF MAIN GATE (B100)	10100
L02	EAST OF MAIN GATE (B100)	10100
L03	NORTH END OF TOY PARKING LOT	10100
L04	SOUTH END OF TOY PARKING LOT	10100
L05	SOUTHWEST OF MAIN GATE (B100) ON B STREET	10100
L06	NORTHEAST OF F-4 DISPLAY ON B STREET	10100
L07	WEST SIDE OF F-4 DISPLAY PARKING LOT	10100
L08	EAST OF F-4 DISPLAY ON B STREET	10100
L09	SOUTHWEST OF RECRUITING (B207)	10100
L10	WEST OF PERSONNEL (B101)	10101
L11	WEST OF PERSONNEL (B101)	10101
L12	ALONG SOUTH EDGE OF POL AREA	10310B
L13	ALONG SOUTH EDGE OF POL AREA	10310B
L14	ALONG SOUTH EDGE OF POL AREA	10310B
L15	ALONG SOUTH EDGE OF POL AREA	10310B
L16	ALONG SOUTH EDGE OF POL AREA	10310B
L17	ALONG EAST EDGE OF POL AREA	10310B
L18	ALONG NORTH EDGE OF POL AREA	10310B
L19	ALONG NORTH EDGE OF POL AREA	10310B
L20	ALONG NORTH EDGE OF POL AREA	10310B
L21	ALONG NORTH EDGE OF POL AREA	10310B
L22	ALONG NORTH EDGE OF POL AREA	10310B
L23	SW CORNER OF GAS STATION AREA	10310B
L24	SE CORNER OF GAS STATION AREA	10310B
L25	FUELING ISLAND IN GAS STATION AREA	10310B
L26	NE CORNER OF GAS STATION AREA	10310B
L27	NW CORNER OF GAS STATION AREA	10310B
L28	WEST OF ALCP (B113)	T0016A-1
L29	WEST OF ALCP (B113)	T0016A-1
L30	NORTHWEST EDGE OF FIRE TRAINING AREA	T8906
L31	NORTHEAST OF APRON ALONG 1ST AVENUE	T7101
L32	NORTH OF APRON ALONG 1ST AVENUE	T7101
L33	NEAR NE CORNER OF 34 APS (B220)	T7101
L34	EAST OF FUEL CELL HANGAR (B302)	T7101
L35	SOUTH OF APRON NEAR POL AREA	T7101
L36	SOUTHEAST OF APRON NEAR POL AREA	T7101
L37	WEST OF SQUADRON OPS (B209)	T0209
L38	WEST OF SQUADRON OPS (B209)	T0209
L39	WEST OF SMALL ARMS RANGE (B301)	T0300

Table 5. Meters

METER NO	Building	Location	Ownership
M01	207	Mounted on switchgear box	WE Energies
M02	8502	Mounted on pedestal	WE Energies
M03	101	Utility Room	Government
M04	200	Utility Room	Government
M05	303	Mounted on transformer	Government
M06	224	Utility Room	Government
M07	209	Mounted on exterior of building	Government
M08	210	Utility Room	Government
M09	117	Utility Room	Government
M10	140	Utility Room	Government
M11	115	Mounted on exterior of building	Government
M12	222	Utility Room	Government
M13	220	Mounted on exterior of building	Government
M14	8906	Mounted on transformer	Government

AIR FORCE RESERVE COMMAND

440th CIVIL ENGINEERING DIVISION

440th AIRLIFT WING

300 EAST COLLEGE AVENUE

GENERAL MITCHELL INTERNATIONAL AIRPORT

AIR RESERVE STATION, WISCONSIN 53007-6299

F-TE-7-06

ELECTRICAL DISTRIBUTION SYS

DATA TABLES

DESIGNED:

SLVREB

DRAWN:

SLVREB

CHECKED:

SL

DATE:

JANUARY 2004

SCALE:

DRAWING NO:

PROJECT NO:

SHEET

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 OF

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